



Missouri Teacher Preparation Institution PROFILE

SOUTHWEST MISSOURI STATE UNIVERSITY

GENERAL INFORMATION

About the Institution

- Southwest Missouri State University, founded in 1905, is one of the 13 four-year, public-supported institutions of higher education in Missouri. The university was given a regional mission by legislative act in 1919. That mission was expanded in the spring of 1995. The name of the university's governing board was also changed to the Board of Governors, and its composition reflects the change in mission. The new mission includes a special statewide emphasis in public affairs as well as future development along four themes: business and economic development, health care, the performing arts, and professional education.

Southwest Missouri State University is a selective, master's-level institution that also offers the educational specialist degree and a cooperative doctoral degree in educational leadership with the University of Missouri-Columbia. The university is a metropolitan institution offering a variety of programs and services at three locations. In addition to the main campus at Springfield, a two-year branch campus is located in West Plains, and a research campus is in Mountain Grove.

Source: Southwest Missouri State University (<http://www.smsu.edu>)

- Enrollment* **17,388** (14,515 undergraduates)

White	88.1%
African American	2.1%
American Indian	1.2%
Asian	1.2%
Hispanic	1.0%
Other	6.3%

Missouri residents 90% (undergraduates)

Male	43.6%
Female	56.4%

*Fall 1999 Headcount

Source: 1999-2000 Statistical Summary of Missouri Higher Education (Tables 19a, 19b, 32a & 32b)

Transfer Students from Missouri Public Community Colleges* 333

*Fall 1998 degree-seeking undergraduate students

Source: 1998-1999 Statistical Summary of Missouri Higher Education (Tables 73a & 73b)

Bright Flight Scholarship Students¹ 687

Source: 1998-1999 Statistical Summary of Missouri Higher Education, July 1999 (Tables 18a & 18b)

Byrd Scholarship Students (Missouri residents)² 13

Source: Missouri Department of Elementary and Secondary Education

- Entrance Requirements

To qualify for freshman admission, students must meet the 16-unit, high school core curriculum established by the Missouri Coordinating Board for Higher Education, as follows:

- English, four units (two must emphasize composition or writing; one may be speech or debate)
- mathematics, three units (high school algebra and beyond, including Algebra II)
- social studies, three units (must include American history and at least one semester of government; courses in state history are not acceptable but may be counted in the elective area)
- science, two units (not including general science; one unit must be a laboratory course)
- visual and performing arts, one unit
- additional core courses, three units (selected from foreign language and/or a combination of two or more of the following course areas listed above; computer science, if Algebra I is a prerequisite; or state and/or international history courses are permissible as social science electives)

Students also must meet a selection index requirement that is the sum of the student's class rank percentile and ACT percentile. The selection index requirement has increased from 80 for the fall 1995 semester to 100 for the fall 2000 semester.

Source: Southwest Missouri State University Web Site

- **Average ACT Score of 1994 Freshmen Class^{*3}** **21.9**

**Fall 1994, Degree-seeking, ACT-Tested First-time Freshmen*

Source: 1994-1995 Statistical Summary of Missouri Higher Education, Missouri Coordinating Board for Higher Education (Tables 1.1 & 1.2)

- **Tuition & Fees, Typical Full-time Undergraduate Student***

<u>Missouri Resident</u>	<u>Non-resident</u>
\$3,400	\$6,430

**1999-2000 academic year*

Source: 1999-2000 Statistical Summary of Missouri Higher Education

About the Education Program

- The Professional Educational Unit at Southwest Missouri State University is responsible for the training of prospective educators. This unit is made up of more than 200 faculty members, staff and administrators who share the responsibility of teaching, advising or supervising education students at the initial and advanced levels of professional education. The unit is unique because its members include not only College of Education faculty and professional staff but also additional faculty from the five other academic colleges and various units on the campus. The SMSU Professional Education Unit is the "umbrella" group of professional educators who are responsible for the professional training of students in each of the certification areas. These faculty, staff and administrators not only excel in teaching research and service, they keep abreast of the latest innovations and practices in their professional education organizations; write books and articles; and provide leadership and present their work in state, national and international organizations.

Professional education graduates comprise approximately 20 percent of the total number of SMSU graduates each year. These prospective teacher educators receive job-seeking assistance; the placement center sponsors an education job fair each year, which attracts an average of 200 school districts from across the nation who are interested in hiring Southwest graduates.

Source: Southwest Missouri State University, April 1999

- **Enrollment in Undergraduate Professional Education Programs*** **1,815**

American Indian	1.0 %
Asian	0.4 %
African American	1.4 %
Hispanic	1.3 %
White	93.2 %
Other	0.0 %
Nonresident Aliens	0.4 %

Unknown	2.3 %
Missouri residents	92.5 %
Male	27.2 %
Female	72.8 %

*Fall 1998 Headcount (full-time students)

Source: Southwest Missouri State University, August 2000

Transfer Students from Missouri Public Community Colleges* 173

*Fall 1999 degree-seeking undergraduate students

NOTE: Students from 16 Missouri public community colleges entered SMSU education programs in the 1999-2000 academic year.

Source: Southwest Missouri State University, April 2000

Missouri Teacher Education Scholarship Students ⁴	34
Missouri Minority Teaching Scholarship Students ⁵	7

Source: Missouri Department of Elementary and Secondary Education

Education Program Entrance Requirements

Prospective students must

1. complete at least 45 semester hours of university course work
2. have a combined (both SMSU and transfer) GPA of 2.5 or above
3. pass all sections of the C-BASE with a score of 265 or higher on each section
4. attain a minimum grade of C in COM 115 and SFT 250
5. complete SEC 300 and 301, or ELE 302 and 303 or SPE 310, with a grade of C or higher

Source: Southwest Missouri State University 1998-99 Undergraduate Catalog

• Information about Education Program Completers ⁶

Recommended for initial Missouri certification in 1998

307

Age

Under 25	54%
25-34	36%
35-44	8%
45-54	2%
55 and over	0.6%

Source: Missouri Department of Elementary and Secondary Education

Average ACT score ⁷ (for initial Missouri certification in 1998)

22.7

Source: ACT Inc. Research Services

C-BASE scores ⁸

Passed all five subjects *first time*

Took Test	Passed all Subjects	English			Writing			Math			Science			Social St.		
		Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn
296	225	239	450	321	245	410	321	235	479	337	235	449	325	235	477	326

Passed all five subjects, *one or more attempts* through December 1998

Took Test	Passed all Subjects	English (313)*			Writing (314)*			Math (314)*			Science (306)*			Social St. (303)*		
		Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn
302	296	236	450	316	241	410	315	235	479	326	235	449	318	235	477	313

*state median score

Source: Assessment Resource Center

Employed in Missouri public schools⁹ in 1998-99* 209 (68%)

Missouri public school districts employing Southwest Missouri State University
1998 program completers 112

Major employers of Southwest Missouri State University 1998 program completers

Aurora R-VIII	4	Ozark R-VI	4	Seymour R-II	5
Ft. Zumwalt R-II	4	Rockwood R-VI	4	Nixa R-II	6
Gainesville R-V	4	Special S.D. of St. Louis	4	Willard R-II	7
Lebanon R-III	4	Spokane R-VII	4	Springfield R-XII	24
Marshfield R-I	4	Strafford R-VI	4		
Mehlville R-IX	4	Raytown C-2	5		

**Does not include individuals employed in public schools in another state, employed in private schools in Missouri or another state, or who received their teaching credentials but were employed in another field or unemployed*
Source: Missouri Department of Elementary and Secondary Education

RESOURCES

Institution

- Full-time Faculty at Southwest 694

Source: 1998-1999 Statistical Summary of Missouri Higher Education (Tables 44a & 44b)

Education Program

- Full-time Education Program Faculty 65

American Indian	1
Asian	1
African American	2
Hispanic	1
White	60
Nonresident Aliens	0
Other	0
Male	31
Female	34
Doctorate Degree	59
Missouri Teaching Certificate	Not Reported
National Board Certification	0

- Adjunct Education Program Faculty 159
 - Full-time with the institution, part-time in education 119
 - Part-time in education 40

Source: Southwest Missouri State University, August 2000

EDUCATION PROCESSES

Institution

- Student-to-Faculty Ratio* 18:1

Source: 1998-1999 Statistical of Summary of Missouri Higher Education; Missouri Coordinating Board for Higher Education (Table 49)

- Average Class Size* 24:1
*undergraduate program

Education Program

- Student-to-Faculty Ratio 14.2:1
- Average Class Size 24.2 (lower division)
17.9 (upper division)
13.4 (graduate division)

Source: Southwest Missouri State University, April 1999

• Practical Experience Requirements for Education Majors

The Professional Education Unit faculty coordinates selection of initial field experience sites in conjunction with the College of Education Office of Field Experience. The elementary certification student completes initial professional education in an on-site methods block sequence implemented in the Springfield public schools. Elementary field experiences total approximately 120 clock hours; middle school field experiences total approximately 100 clock hours; special education field experiences total approximately 390 clock hours; secondary field experiences total approximately 60 clock hours; early childhood field experiences total approximately 125 clock hours.

Student-teaching assignments are for 16 weeks and carry 12 credit hours. Student teaching portfolios for all professional candidates must include artifacts that support the concept of multicultural education and diversity in the classroom and ability to provide extended and appropriate programming for all individuals.

Source: Southwest Missouri State University, April 1999

• Professional Development School(s)

Following are examples of the projects and partnerships on the SMSU campus: Goals 2000, Science and Education; Goals 2000, Health and Physical Education; BASE Project (partnership with Springfield District to expand special education students' vocational competencies and work-related skills); 21st Century Community Learning Centers Grant with the Nixa schools; the Missouri Fine Arts Academy; Assistive Technology Laboratory; Elementary Site-based Project with Springfield District; Storefront School with Springfield District; Adopt-a-School; Project ACCESS (provides support and technical assistance to school districts serving children with autism); Middle School Science Camp; Institute in Interrelated Arts in the Classroom; Coalition of Essential Schools Projects; diversity awareness field trips to St. Louis, Kansas City and rural school districts; the SMSU Beginning Teacher Assistance Program; First-Year Principals' Workshop; SWIM-GYM Learning Program; Crayola Dream Makers; Mentoring in Art Program; Children's Literature Festival of the Ozarks; Language Arts Fair; Southwest Missouri Science Fair; Ozark Systemic Change in Math and Science Education; Civics at Work/Peer Learning; Southwest Missouri History Bowl; and History Day Contest.

Source: Southwest Missouri State University, April 1999

• Co-curricular Programs

Following are examples of co-curricular programs that are available to SMSU students who are seeking a professional education degree: TRIO Program; HALO (Hispanic American Leadership Organization); American Indian Leaders of Today and Tomorrow; Association of Black Collegians; First Americans Inter-tribal Heritage Group; Kappa Delta Phi; Psi Kappa Phi-Honorary Fraternity; Association for the Education of Young Children; Student Council for Exceptional Children; Student International Reading Association; Student Missouri State Teachers Association; Student Missouri National Education Association; Southwest Missouri State Middle School Association; Golden Key Honor Society; Missouri London Program; International Student Exchange Program; hosting of National Youth Sports Program with Health and Recreation Department; Honor Society of Physical Education; Physical Education Majors Club; Collegiate FFA; Collegiate American Vocational Association; Collegiate Farm Bureau; Student National Art Association; American Design and Drafting

Association; Construction Club; Midwest Symposium for Leadership in Behavior Disorders; Missouri American Association on Mental Retardation; Professional TESOL organization; Student Science Teachers Association; Society of Physics Students; Ozark Amateur Astronomy Club; Kappa Mu Epsilon-Honor Society; Mathematical Association of America-Student Chapter; National Student Speech Language Hearing Association (NSSLHA); Phi Alpha Theta-Honor Society; SMS Science Teachers Association; Geological Society; Sierra Club; Geology Club; Student Missouri Family Consumer Sciences Association; and Student Association for Family and Consumer Science Education.

Source: Southwest Missouri State University, April 1999

- **Instructional Technology Requirements**

The College of Education uses the International Society for Technology in Education standards for technology in teacher preparation as overarching standards. At Southwest Missouri State, these standards are achieved by integrating technology into course work throughout the professional teacher education program and through two specific required courses: Computers for Learning, a university-wide general education program component course, and Instructional Applications of Technology and Media, the professional education program course.

The Computers for Learning course includes lecture and laboratory components designed to achieve the following objectives: Students will learn to create/access, organize, analyze and communicate information using the computer. This course is designed to meet the aims and goals of a general education, basic, required course by providing students with the computer knowledge and abilities required to participate effectively in and contribute to a technology-oriented society. The course assists students in developing those intellectual abilities and dispositions identified as goals of general education, including a) conceptual and practical understanding of modes of learning, problem-solving, and creative inquiry; b) information-gathering, reasoning, and synthesizing abilities; c) reflective, creative, and critical dispositions, and d) communication skills.

The Instructional Applications of Technology and Media course is designed to illustrate the principles and techniques of selecting and using technology in the classroom. Various forms of auditory, visual and tactile media and technologies are incorporated. Research, instructional design skills, equipment operation, and materials production form the basis for the course. The course includes lecture and laboratory components, and instruction occurs on dual computer platforms in two state-of-the-art computer labs. As an additional component of this course, students spend time modeling practitioners in a third facility, a model "technology enhanced" classroom.

In addition to these required courses, pre-service teachers develop a professional portfolio to serve as a resource for inservice assessment of abilities and as a starting place for continuing growth and development. The Professional Preparation Portfolio also demonstrates that professional preparation meets standards set by the State of Missouri and by certain professional groups in specialized fields. The College of Education is in the process of transitioning from paper-based portfolios to student-constructed, web-based digital portfolios, rich in student-produced multimedia artifacts demonstrating competencies.

Students also may pursue additional coursework within the College of Education to achieve competency to perform as school technology coordinators. This certificate program includes courses in hardware and software troubleshooting and maintenance, web-based resources in educational settings, administration of instructional media and technology, instructional design, and networking and telecommunications in an educational setting.

Source: Southwest Missouri State University, April 2000

- **Accredited, NCATE (National Council for Accreditation of Teacher Education)**

Source: National Council for Accreditation of Teacher Education Web Site

PERFORMANCE

- Missouri certificates* issued in 1998 to Southwest education program completers, by subject area and grade level

Subject Area	Grade Level	Recommended for Certification
Agricultural Education	7-12	1
Agricultural Education	9-12	11
Art	K-12	8
Art	K-9	2
Biology	7-9	1
Business Education Except Shorthand	9-12	18
Deaf/Hearing Impaired	K-12	3
Early Childhood Education	PK-3	56
Elementary Education	1-6	154
English	7-12	1
English	9-12	23
French	K-12	3
General Science	5-9	4
Health	7-12	1
Health	9-12	1
Health	K-9	1
Industrial Technology	9-12	2
Journalism	9-12	2
Language Arts	5-9	4
Mathematics	5-9	4
Mathematics	9-12	12
Mild/Moderate: Behavior Disordered	K-12	6
Mild/Moderate: Cross Categorical	K-12	6
Mild/Moderate: Learning Disabled	K-12	12
Mild/Moderate: Mentally Handicapped	K-12	8
Music – Instrumental	K-12	9
Music – Vocal	K-12	5
Physical Education	7-12	2
Physical Education	9-12	9
Physical Education	K-12	9
Social Science	5-9	4
Social Science	7-12	1
Social Science	9-12	27
Spanish	K-12	3
Speech/Language Specialist	K-12	16
Speech/Theatre	7-12	1
Speech/Theatre	9-12	5
Unified Science: Biology	9-12	5
Unified Science: Chemistry	9-12	1
Vocational Family and Consumer Sciences	9-12	3
Total		444

*Number of certificates issued, not number of graduates

Source: Missouri Department of Elementary and Secondary Education

- Performance of Program Completers* on Praxis II Exit Exam ¹⁰

	Total Examinees	Number Passing	Qualifying Score	Institutional Average	Missouri Average	National Median
Agriculture	12	12	490	564	566	570
Art Education	7	7	500	643	625	630
Biology	5	5	480	630	690	690
Business Education	15	15	550	672	656	640
Chemistry	1	1	440	490	587	560
Education in the Elementary School	143	143	520	645	631	630
English Language & Literature	18	18	500	626	606	600
French	1	1	500	610	610	630
Home Economics Education	3	3	560	720	661	650
Mathematics	12	12	550	650	648	610
Music Education	10	10	510	628	632	620
Physical Education	18	18	530	649	633	630
Principles of Learning & Teaching, grades 5-9	1	1	160	174	173	174
Professional Knowledge	11	11	638	667	666	663
Social Studies	25	25	500	620	617	600
Social Studies: Content Knowledge	1	1	152	176	174	168
Spanish	2	2	490	565	592	580
Special Education	9	9	490	659	632	630
Speech Communication	4	4	530	663	667	670
Speech-Language Pathology	14	14	560	671	675	670
Technology Education	1	0	570	560	720	660
Total	313	312				

*Individuals recommended for initial Missouri certification in 1998

Source: Educational Testing Service

- Follow-up on Southwest Missouri State Program Completers

Education program completers who received initial Missouri certification in 1993

426

Employed in Missouri public schools in

1994-95	269 (63%)
1995-96	277 (65%)
1996-97	270 (63%)
1997-98	266 (62%)
1998-99	260 (61%)

Employed in Missouri public schools in 1998-99, with master's degree

59 (14%)

Employed in the same Missouri public school district in

1994-95	269 (63%)
1994-96	207 (49%)
1994-97	172 (40%)
1994-98	143 (34%)
1994-99	131 (31%)

Certification Status as of Sept. 1, 1999

Holding Valid PC I	18 (4%)
Holding Valid PC II	288 (68%)
Lapsed ¹¹	120 (28%)

Source: Missouri Department of Elementary and Secondary Education

Major Employers¹²

Missouri school districts employing Southwest graduates* 405

Southwest Missouri State University had 8,948 graduates teaching in Missouri public schools during the 1998-99 school year.

School districts where Southwest Missouri State graduates make up 25-49 percent of faculty

Alton R-IV	Forsyth R-III	Macks Creek R-V	Stockton R-I
Avilla R-XII	Galena R-II	Manes R-V	Sullivan C-2
Bakersfield R-IV	Golden City R-III	Mark Twain R-VIII	Summersville R-II
Blue Eye R-V	Halfway R-III	Miller R-II	Swedeberg R-III
Bolivar R-I	Hickory R-I	Monett R-I	Taneyville R-II
Branson R-IV	Hollister R-V	Mt. View-Birch Tree R-III	Mt. Vernon R-V
Camden R-II	Houston R-I	Osceola	Thayer R-II
Camdenton R-III	Humansville R-IV	Pierce City R-VI	Thornfield R-I
Cassville R-IV	Kirbyville R-VI	Plato R-V	Verona R-VII
Climax Springs R-IV	Laclede C-5	Purdy R-II	Waynesville R-VI
Couch R-I	Lamar R-I	Raymondville R-VII	Weaubleau R-III
El Dorado Springs R-II	Laquey R-V	Reeds Spring R-IV	Wheatland R-II
Everton R-III	Licking R-VIII	Salem R 80	Winona R-III
Exeter R-VI	Lockwood R-I	Sheldon R-VIII	
Fair Play R-II	Luray 33	Southwest R-V	

School districts where Southwest Missouri State graduates make up 50-74 percent of faculty

Ash Grove R-IV	Fairview R-XI	Marionville R-IX	Sparta R-III
Aurora R-VIII	Gainesville R-V	Marshfield R-I	Spokane R-VII
Ava R-I	Glenwood R-VIII	Mt. Grove R-III	Springfield R-XII
Bradleyville R-I	Greenfield R-IV	Niangua R-V	Strafford R-VI
Cabool R-IV	Hartville R-II	Norwood R-I	Success R-VI
Chadwick R-I	Howell Valley R-I	Oregon Howell R-III	Walnut Grove R-V
Crane R-III	Hurley R-I	Ozark R-VI	West Plains R-VII
Dadeville R-II	Junction Hill C-12	Phelps R-III	Willard R-II
Dallas R-I	Lebanon R-III	Pleasant Hope R-VI	Willow Springs R-IV
Dora R-III	Mansfield R-IV	Richards R-V	
Eminence R-I	Marion C. Early R-V	Seymour R-II	

School districts where Southwest Missouri State graduates make up 75 percent or more of faculty

Billings R-IV	Fordland R-III	Laclede R-I	Republic R-III
Clever R-V	Gasconade C-4	Nixa R-II	Skyline R-II
Fair Grove R-X	Greene R-VIII	Plainview R-VIII	

*Includes all graduates of Southwest teaching in the district, not just those who completed the education program

Source: Missouri Department of Elementary and Secondary Education

STARR Teachers¹³ 16

National Board Certified Teachers¹⁴ 1

Missouri Teachers of the Year¹⁵ 2

Source: Missouri Department of Elementary and Secondary Education

Other Honors and Awards Earned by Graduates

Southwest graduates have earned awards including the Joseph N. Boyce/Wall Street Journal Public Affairs Award (1998); Teacher of the Year and Teacher of the Month honors in the Springfield School District (1998); the Milken Family Foundation National Educator Award (1998); and the Presidential Award for Excellence in Teaching Mathematics and Science (1997).

Source: Southwest Missouri State University, April 2000